ELSEVIER

Brain Research Protocols 3 (1999) 326–327

BRAIN RESEARCH

Author Index

Abbink, J.H., see Van der Glas, H.W. (3) 291
Adachi, N., see Lei, B. (3) 33
Adeghate, E. and Singh, J.
An on-line method for the measurement of total protein output in biological fluids and secretory tissues after stimulation of intrinsic nerves and identification of neurotransmitters using immunohistochemical techniques (3) 270
Alam, J., see Cook, J.L. (3) 1
Ambati, J., see Seigel, G.M. (3) 119
Arai, T., see Lei, B. (3) 33
Arjannikova, T., see Prusky, G. (3) 313
Avitsur, R. and Yirmiya, R.
The partner preference paradigm: a method to study sexual motivation and performance of female rats (3) 320

Baader, K.L., see Baader, S.L. (3) 173
Baader, S.L., Baader, K.L. and Schilling, K.
Software implementation of statistical methods for the analysis of structure and patterns in neuroanatomical objects (3) 173
Badini, I., see Sbrenna, S. (3) 61
Bannai, M., Ichikawa, M., Nishimura, F., Nishihara, M. and Takahashi, M.
Water-absorbent polymer as a carrier for a discrete deposit of antisense oligodeoxynucleotides in the central nervous system (3) 83
Bazan, N.G., see Cook, J.L. (3) 1
Beani, L., see Sbrenna, S. (3) 61
Beermann, F., see Schmidt, A. (3) 54
Begley, J.G., Butterfield, D.A., Keller, J.N., Koppal, T., Drake, J. and Mattson, M.P.
Cryopreservation of rat cortical synaptosomes and analysis of glucose and glutamate transporter activities, and mitochondrial function (3) 76
Bellanger, C., Dauphin, F., Belzunces, L.P. and Chichery, R.
Parallel regional quantification of choline acetyltransferase and cholinesterase activity in the central nervous system of an invertebrate (*Sepia officinalis*) (3) 68
Belzunces, L.P., see Bellanger, C. (3) 68
Bianchi, C., see Sbrenna, S. (3) 61
Biella, G., see De Curtis, M. (3) 221
Braida, D., Virag, W., Ottonello, F., Inghilterra, S., Gori, E. and Sala, M.
A novel method for self-administering addicting drugs intracerebroventricularly in a free-choice procedure (3) 135
Brand, A., Richter-Landsberg, C., Flögel, U., Willker, W. and Leibfritz, D.
Rat brain primary neurons immobilized in basement membrane gel threads: an improved method for on-line ^{13}C NMR spectroscopy of live cells (3) 183
Broide, R.S., see Winzer-Serhan, U.H. (3) 229
Buccellati, C., see De Curtis, M. (3) 221
Butterfield, D.A., see Begley, J.G. (3) 76
Buxton, D.F., see Josephson, E. (3) 161
Buzás, P., Eysel, U.T. and Kisvárday, Z.F.
Functional topography of single cortical cells: an intracellular approach combined with optical imaging (3) 199

Cadden, S.W., see Van der Glas, H.W. (3) 291
Calò, G., see Sbrenna, S. (3) 61
Carretta, D., see Sbriccoli, A. (3) 257
Carretta, D., see Sbriccoli, A. (3) 264
Caruncho, H.J., see Pesold, C. (3) 155
Chen, Y., see Winzer-Serhan, U.H. (3) 229
Chichery, R., see Bellanger, C. (3) 68
Confort-Gouny, S., see Maillet, S. (3) 123
Cook, J.L., Marcheselli, V., Alam, J., Deininger, P.L. and Bazan, N.G.
Simultaneous analysis of multiple gene expression patterns as a function of development, injury or senescence (3) 1
Cozzone, P.J., see Maillet, S. (3) 123

Dahmen, N., see Fehr, C. (3) 242
Dauphin, F., see Bellanger, C. (3) 68
De Curtis, M., Biella, G., Buccellati, C. and Folco, G.
Simultaneous investigation of the neuronal and vascular compartments in the guinea pig brain isolated in vitro (3) 221
Deininger, P.L., see Cook, J.L. (3) 1
Drake, J., see Begley, J.G. (3) 76

Eysel, U.T., see Buzás, P. (3) 199

Fehr, C., Ficková, M., Hiemke, C. and Dahmen, N.
Rapid cloning of cDNA ends polymerase chain reaction of G-protein-coupled receptor kinase 6: an improved method to determine 5′- and 3′-cDNA ends (3) 242
Ficková, M., see Fehr, C. (3) 242
Flögel, U., see Brand, A. (3) 183
Folco, G., see De Curtis, M. (3) 221
Foletti, A., see Schmidt, A. (3) 54
Furuya, S., Makino, A. and Hirabayashi, Y.
An improved method for culturing cerebellar Purkinje cells with differentiated dendrites under a mixed monolayer setting (3) 192

Gerrits, R.J., Stein, E.A. and Greene, A.S.
Laser-Doppler flowmetry utilizing a thinned skull cranial window preparation and automated stimulation (3) 14
Gori, E., see Braida, D. (3) 135
Granato, A., see Sbriccoli, A. (3) 257
Granato, A., see Sbriccoli, A. (3) 264
Greene, A.S., see Gerrits, R.J. (3) 14
Greig, A., see Lee, J.C. (3) 142

Hamba, M. and Onimaru, H.
Newborn rat brainstem preparation with the trigeminal nerve attached for pain study (3) 7
Hashimoto, N., see Yanamoto, H. (3) 209
Hendry, I.A., see Reynolds, A.J. (3) 308
Hiemke, C., see Fehr, C. (3) 242
Hirabayashi, Y., see Furuya, S. (3) 192
Hummler, E., see Schmidt, A. (3) 54
Hunziker, A., see Schmidt, A. (3) 54

Ichikawa, M., see Bannai, M. (3) 83
Impagnatiello, F., see Pesold, C. (3) 155
Inghilterra, S., see Braida, D. (3) 135
Ishida, A., see Nakajima, W. (3) 252
Iwamoto, Y., see Yamaki, T. (3) 100

Josephson, E., Padgett, M.L. and Buxton, D.F.
The inverted multilayer perceptron as a consistency measuring device in neuroanatomical image analysis (3) 161

Katarova, Z., see Sekerková, G. (3) 107
Keller, J.N., see Begley, J.G. (3) 76
Kerner, J.A., Standaert, D.G., Penney Jr., J.B., Young, A.B. and Landwehrmeyer, G.B.
Simultaneous isotopic and nonisotopic in situ hybridization histochemistry with cRNA probes (3) 22
Kikuchi, H., see Yanamoto, H. (3) 209
Kikuchi, T., see Yamaki, T. (3) 100
Kisvárday, Z.F., see Buzás, P. (3) 199
Kobori, N., see Yamaki, T. (3) 100
Koppal, T., see Begley, J.G. (3) 76
Kristensen, B.W., see Noraberg, J. (3) 278
Kunze, W.A.A.
A mobile intracellular microelectrode designed to record from neurons in contracting tissue (3) 94

0006-8993/99/$ - see front matter © 1999 Elsevier Science B.V. All rights reserved.
PII: S1385-299X(98)00060-9

ELSEVIER

Brain Research Protocols 3 (1999) 326–327

BRAIN RESEARCH

Author Index

Abbink, J.H., see Van der Glas, H.W. (3) 291
Adachi, N., see Lei, B. (3) 33
Adeghate, E. and Singh, J.
An on-line method for the measurement of total protein output in biological fluids and secretory tissues after stimulation of intrinsic nerves and identification of neurotransmitters using immunohistochemical techniques (3) 270
Alam, J., see Cook, J.L. (3) 1
Ambati, J., see Seigel, G.M. (3) 119
Arai, T., see Lei, B. (3) 33
Arjannikova, T., see Prusky, G. (3) 313
Avitsur, R. and Yirmiya, R.
The partner preference paradigm: a method to study sexual motivation and performance of female rats (3) 320

Baader, K.L., see Baader, S.L. (3) 173
Baader, S.L., Baader, K.L. and Schilling, K.
Software implementation of statistical methods for the analysis of structure and patterns in neuroanatomical objects (3) 173
Badini, I., see Sbrenna, S. (3) 61
Bannai, M., Ichikawa, M., Nishimura, F., Nishihara, M. and Takahashi, M.
Water-absorbent polymer as a carrier for a discrete deposit of antisense oligodeoxynucleotides in the central nervous system (3) 83
Bazan, N.G., see Cook, J.L. (3) 1
Beani, L., see Sbrenna, S. (3) 61
Beermann, F., see Schmidt, A. (3) 54
Begley, J.G., Butterfield, D.A., Keller, J.N., Koppal, T., Drake, J. and Mattson, M.P.
Cryopreservation of rat cortical synaptosomes and analysis of glucose and glutamate transporter activities, and mitochondrial function (3) 76
Bellanger, C., Dauphin, F., Belzunces, L.P. and Chichery, R.
Parallel regional quantification of choline acetyltransferase and cholinesterase activity in the central nervous system of an invertebrate (*Sepia officinalis*) (3) 68
Belzunces, L.P., see Bellanger, C. (3) 68
Bianchi, C., see Sbrenna, S. (3) 61
Biella, G., see De Curtis, M. (3) 221
Braida, D., Virag, W., Ottonello, F., Inghilterra, S., Gori, E. and Sala, M.
A novel method for self-administering addicting drugs intracerebroventricularly in a free-choice procedure (3) 135
Brand, A., Richter-Landsberg, C., Flögel, U., Willker, W. and Leibfritz, D.
Rat brain primary neurons immobilized in basement membrane gel threads: an improved method for on-line ^{13}C NMR spectroscopy of live cells (3) 183
Broide, R.S., see Winzer-Serhan, U.H. (3) 229
Buccellati, C., see De Curtis, M. (3) 221
Butterfield, D.A., see Begley, J.G. (3) 76
Buxton, D.F., see Josephson, E. (3) 161
Buzás, P., Eysel, U.T. and Kisvárday, Z.F.
Functional topography of single cortical cells: an intracellular approach combined with optical imaging (3) 199

Cadden, S.W., see Van der Glas, H.W. (3) 291
Calò, G., see Sbrenna, S. (3) 61
Carretta, D., see Sbriccoli, A. (3) 257
Carretta, D., see Sbriccoli, A. (3) 264
Caruncho, H.J., see Pesold, C. (3) 155
Chen, Y., see Winzer-Serhan, U.H. (3) 229
Chichery, R., see Bellanger, C. (3) 68
Confort-Gouny, S., see Maillet, S. (3) 123
Cook, J.L., Marcheselli, V., Alam, J., Deininger, P.L. and Bazan, N.G.
Simultaneous analysis of multiple gene expression patterns as a function of development, injury or senescence (3) 1
Cozzone, P.J., see Maillet, S. (3) 123

Dahmen, N., see Fehr, C. (3) 242
Dauphin, F., see Bellanger, C. (3) 68
De Curtis, M., Biella, G., Buccellati, C. and Folco, G.
Simultaneous investigation of the neuronal and vascular compartments in the guinea pig brain isolated in vitro (3) 221
Deininger, P.L., see Cook, J.L. (3) 1
Drake, J., see Begley, J.G. (3) 76

Eysel, U.T., see Buzás, P. (3) 199

Fehr, C., Ficková, M., Hiemke, C. and Dahmen, N.
Rapid cloning of cDNA ends polymerase chain reaction of G-protein-coupled receptor kinase 6: an improved method to determine 5′- and 3′-cDNA ends (3) 242
Ficková, M., see Fehr, C. (3) 242
Flögel, U., see Brand, A. (3) 183
Folco, G., see De Curtis, M. (3) 221
Foletti, A., see Schmidt, A. (3) 54
Furuya, S., Makino, A. and Hirabayashi, Y.
An improved method for culturing cerebellar Purkinje cells with differentiated dendrites under a mixed monolayer setting (3) 192

Gerrits, R.J., Stein, E.A. and Greene, A.S.
Laser-Doppler flowmetry utilizing a thinned skull cranial window preparation and automated stimulation (3) 14
Gori, E., see Braida, D. (3) 135
Granato, A., see Sbriccoli, A. (3) 257
Granato, A., see Sbriccoli, A. (3) 264
Greene, A.S., see Gerrits, R.J. (3) 14
Greig, A., see Lee, J.C. (3) 142

Hamba, M. and Onimaru, H.
Newborn rat brainstem preparation with the trigeminal nerve attached for pain study (3) 7
Hashimoto, N., see Yanamoto, H. (3) 209
Hendry, I.A., see Reynolds, A.J. (3) 308
Hiemke, C., see Fehr, C. (3) 242
Hirabayashi, Y., see Furuya, S. (3) 192
Hummler, E., see Schmidt, A. (3) 54
Hunziker, A., see Schmidt, A. (3) 54

Ichikawa, M., see Bannai, M. (3) 83
Impagnatiello, F., see Pesold, C. (3) 155
Inghilterra, S., see Braida, D. (3) 135
Ishida, A., see Nakajima, W. (3) 252
Iwamoto, Y., see Yamaki, T. (3) 100

Josephson, E., Padgett, M.L. and Buxton, D.F.
The inverted multilayer perceptron as a consistency measuring device in neuroanatomical image analysis (3) 161

Katarova, Z., see Sekerková, G. (3) 107
Keller, J.N., see Begley, J.G. (3) 76
Kerner, J.A., Standaert, D.G., Penney Jr., J.B., Young, A.B. and Landwehrmeyer, G.B.
Simultaneous isotopic and nonisotopic in situ hybridization histochemistry with cRNA probes (3) 22
Kikuchi, H., see Yanamoto, H. (3) 209
Kikuchi, T., see Yamaki, T. (3) 100
Kisvárday, Z.F., see Buzás, P. (3) 199
Kobori, N., see Yamaki, T. (3) 100
Koppal, T., see Begley, J.G. (3) 76
Kristensen, B.W., see Noraberg, J. (3) 278
Kunze, W.A.A.
A mobile intracellular microelectrode designed to record from neurons in contracting tissue (3) 94

0006-8993/99/$ - see front matter © 1999 Elsevier Science B.V. All rights reserved.
PII: S1385-299X(98)00060-9

Landwehrmeyer, G.B., see Kerner, J.A. (3) 22
Lee, J.C., Greig, A., Ravindranathan, A., Parks, T.N. and Rao, M.S.
Molecular analysis of AMPA-specific receptors: subunit composition, editing, and calcium influx determination in small amounts of tissue (3) 142
Lei, B., Adachi, N. and Arai, T.
Measurement of the extracellular H_2O_2 in the brain by microdialysis (3) 33
Leibfritz, D., see Brand, A. (3) 183
Leslie, F.M., see Winzer-Serhan, U.H. (3) 229
Lutz, N.W., see Maillet, S. (3) 123

Maillet, S., Vion-Dury, J., Confort-Gouny, S., Nicoli, F., Lutz, N.W., Viout, P. and Cozzone, P.J.
Experimental protocol for clinical analysis of cerebrospinal fluid by high resolution proton magnetic resonance spectroscopy (3) 123
Makino, A., see Furuya, S. (3) 192
Marcheselli, V., see Cook, J.L. (3) 1
Mattson, M.P., see Begley, J.G. (3) 76
McDaniel, T.V., see Seigel, G.M. (3) 119
McKenna, J.E., see Prusky, G.T. (3) 302
Minciacchi, D., see Sbriccoli, A. (3) 257
Minciacchi, D., see Sbriccoli, A. (3) 264
Munglani, R., see Whiteside, G. (3) 52
Murakami, N., see Yamaki, T. (3) 100

Nagata, I., see Yanamoto, H. (3) 209
Nakajima, W., Ishida, A. and Takada, G.
Anoxic and hypoxic immature rat model for measurement of monoamine using in vivo microdialysis (3) 252
Nicoli, F., see Maillet, S. (3) 123
Nishihara, M., see Bannai, M. (3) 83
Nishimura, F., see Bannai, M. (3) 83
Noraberg, J., Kristensen, B.W. and Zimmer, J.
Markers for neuronal degeneration in organotypic slice cultures (3) 278

Onimaru, H., see Hamba, M. (3) 7
Ottonello, F., see Braida, D. (3) 135

Padgett, M.L., see Josephson, E. (3) 161
Parks, T.N., see Lee, J.C. (3) 142
Penna, D., see Schmidt, A. (3) 54
Penney Jr., J.B., see Kerner, J.A. (3) 22
Pesold, C., Pisu, M.G., Impagnatiello, F., Uzunov, D.P. and Caruncho, H.J.
Simultaneous detection of glutamic acid decarboxylase and reelin mRNA in adult rat neurons using in situ hybridization and immunofluorescence (3) 155
Pinto, F., see Sbriccoli, A. (3) 257
Pisu, M.G., see Pesold, C. (3) 155
Potashner, S.J., see Suneja, S.K. (3) 88
Prusky, G. and Arjannikova, T.
Intracellular filling and reconstruction of identified neurons in fixed rat brain slices (3) 313
Prusky, G.T. and McKenna, J.E.
Serial sectioning of thick tissue with a novel vibrating blade microtome (3) 302

Rao, M.S., see Lee, J.C. (3) 142
Ravindranathan, A., see Lee, J.C. (3) 142
Reynolds, A.J. and Hendry, I.A.
A technique for ^{125}I-labelling of neurotrophins and the use of retrograde axonal transport as a bioassay (3) 308
Richard Green, W., see Seigel, G.M. (3) 119
Richter-Landsberg, C., see Brand, A. (3) 183

Sakakibara, T., see Yamaki, T. (3) 100
Sala, M., see Braida, D. (3) 135
Santarelli, M., see Sbriccoli, A. (3) 257
Santarelli, M., see Sbriccoli, A. (3) 264
Sbrenna, S., Calò, G., Siniscalchi, A., Badini, I., Bianchi, C. and Beani, L.
Experimental protocol for studying delayed effects of in vitro ischemia on neurotransmitter release from brain slices (3) 61
Sbriccoli, A., Carretta, D., Santarelli, M., Granato, A. and Minciacchi, D.
An optimised procedure for prenatal ethanol exposure with determination of its effects on central nervous system connections (3) 264
Sbriccoli, A., Carretta, D., Santarelli, M., Pinto, F., Granato, A. and Minciacchi, D.
A simple pressure microinjecting system for delivery of small substance volumes to the brain: application to the developmental study of thalamo-cortical projections in foetal and neonatal rats (3) 257
Schilling, K., see Baader, S.L. (3) 173
Schmidt, A., Tief, K., Foletti, A., Hunziker, A., Penna, D., Hummler, E. and Beermann, F.
lacZ Transgenic mice to monitor gene expression in embryo and adult (3) 54
Seigel, G.M., Ambati, J., Richard Green, W. and McDaniel, T.V.
Ice incubation step allows adherence of archival histological specimens on gelatin-coated slides for TUNEL staining (3) 119
Sekerková, G., Katarova, Z. and Szabó, G.
Using GADlacZ transgenic mice as a marker system for homotopic transplantation (3) 107
Singh, J., see Adeghate, E. (3) 270
Siniscalchi, A., see Sbrenna, S. (3) 61
Standaert, D.G., see Kerner, J.A. (3) 22
Stein, E.A., see Gerrits, R.J. (3) 14
Suneja, S.K. and Potashner, S.J.
Quantification of a neurotrophin receptor from submilligram quantities of brain tissue using Western blotting (3) 88
Szabó, G., see Sekerková, G. (3) 107

Takada, G., see Nakajima, W. (3) 252
Takahashi, M., see Bannai, M. (3) 83
Tief, K., see Schmidt, A. (3) 54

Ueda, S., see Yamaki, T. (3) 100
Uwahodo, Y., see Yamaki, T. (3) 100
Uzunov, D.P., see Pesold, C. (3) 155

Van der Glas, H.W., Cadden, S.W. and Abbink, J.H.
Differentiating condition-induced facilitation, inhibition and disinhibition in a complex series of reflexes in an electromyogram (3) 291
Vion-Dury, J., see Maillet, S. (3) 123
Viout, P., see Maillet, S. (3) 123
Virag, W., see Braida, D. (3) 135

Whiteside, G. and Munglani, R.
TUNEL, Hoechst and immunohistochemistry triple-labelling: an improved method for detection of apoptosis in tissue sections —an update (3) 52
Willker, W., see Brand, A. (3) 183
Winzer-Serhan, U.H., Broide, R.S., Chen, Y. and Leslie, F.M.
Highly sensitive radioactive in situ hybridization using full length hydrolyzed riboprobes to detect α_2 adrenoceptor subtype mRNAs in adult and developing rat brain (3) 229

Yamaki, T., Murakami, N., Iwamoto, Y., Sakakibara, T., Kobori, N., Ueda, S., Uwahodo, Y. and Kikuchi, T.
Cognitive dysfunction and histological findings in rats with chronic-stage contusion and diffuse axonal injury (3) 100
Yanamoto, H., Nagata, I., Hashimoto, N. and Kikuchi, H.
Three-vessel occlusion using a micro-clip for the proximal left middle cerebral artery produces a reliable neocortical infarct in rats (3) 209
Yirmiya, R., see Avitsur, R. (3) 320
Young, A.B., see Kerner, J.A. (3) 22

Zimmer, J., see Noraberg, J. (3) 278
Zupanc, G.K.H.
An in vitro technique for tracing neuronal connections in the teleost brain (3) 37